

Fig. 1

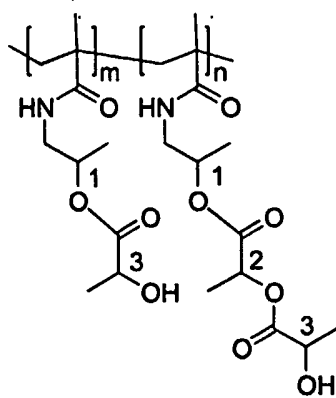


Figure 2

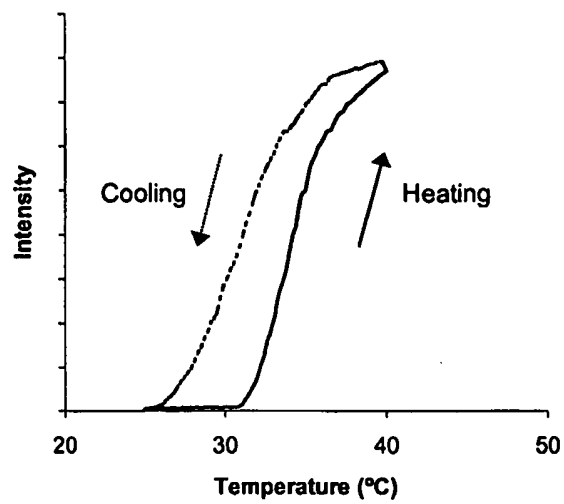


Figure 3

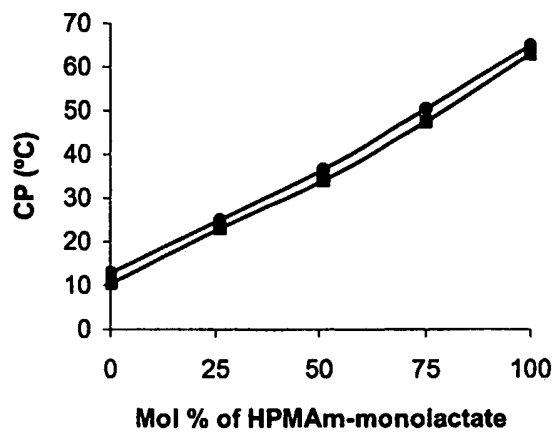


Figure 4

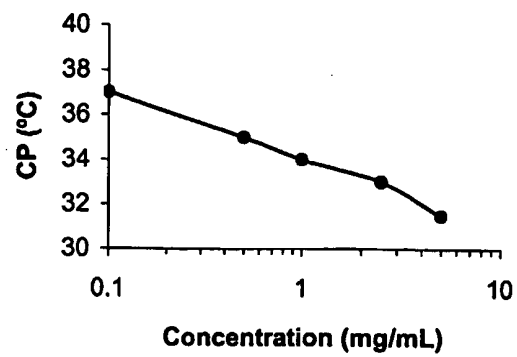


Figure 5

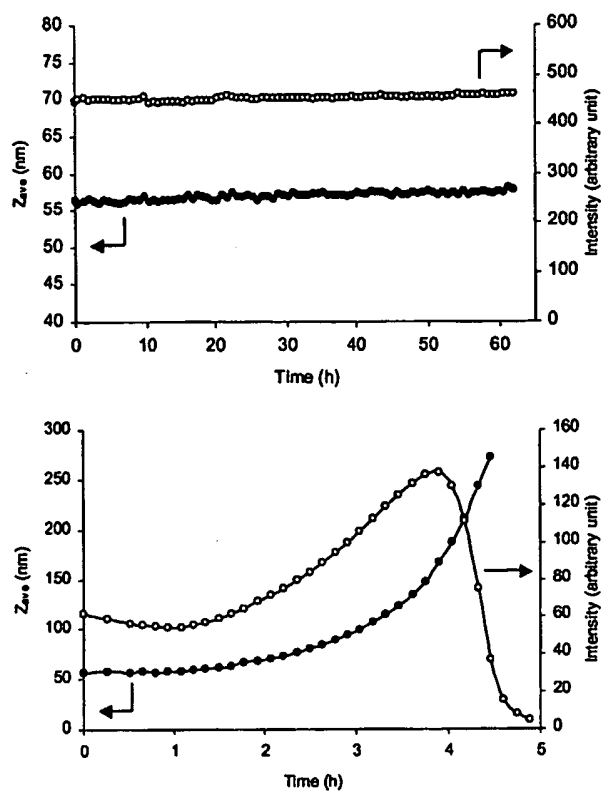


Figure 6

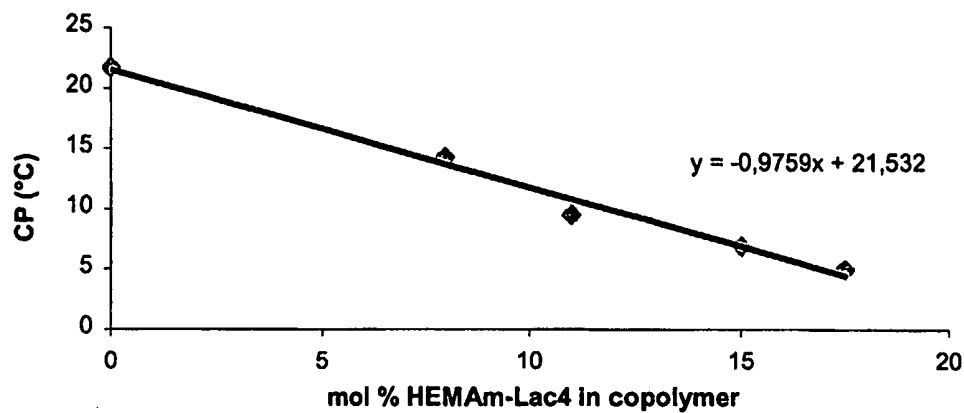


Figure 7. CP (°C) of HEMAm-Lac<sub>2</sub> copolymers as a function of the mole % of HEMAm-Lac<sub>4</sub> in the copolymer.

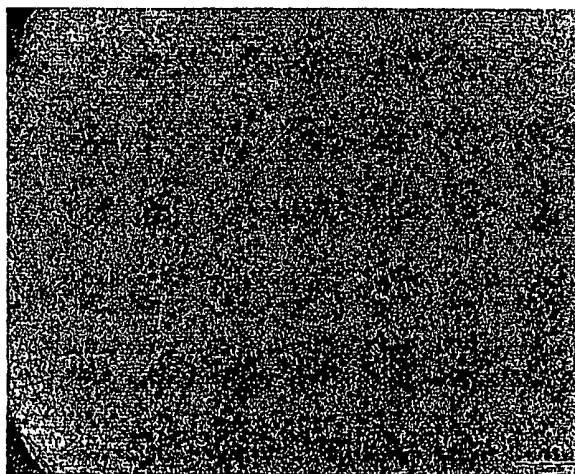


Figure 8. CryoTEM picture of a 2% PEG-b-(80%HEMAm-Lac<sub>2</sub>-20%HEMAm-Lac<sub>4</sub>) micellar solution (bar is 200nm)

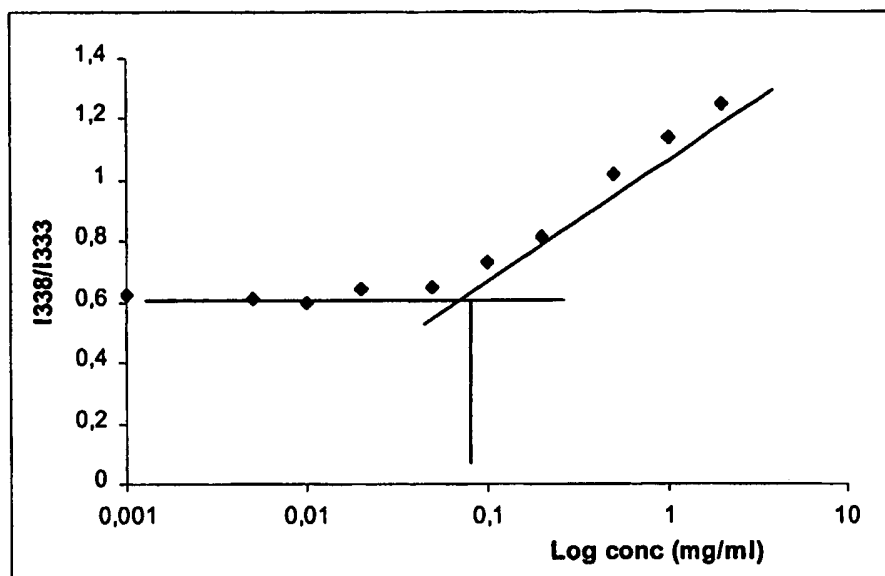


Figure 9:  $I_{338}/I_{333}$  ratio for pyrene as a function of the concentrations of PEG-*b*- (80%HEMA-Lac<sub>2</sub>-20%HEMAm-Lac<sub>4</sub>).

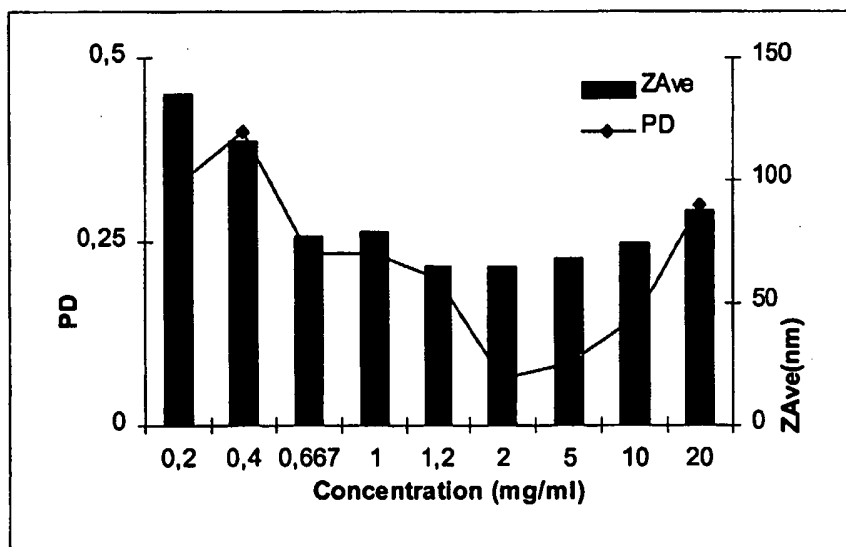


Figure 10. Particle size ( $Z_{ave}$ ) and polydispersity (PD) versus concentration of PEG-*b*- (80%HEMA-Lac<sub>2</sub>-20%HEMAm-Lac<sub>4</sub>) solutions.

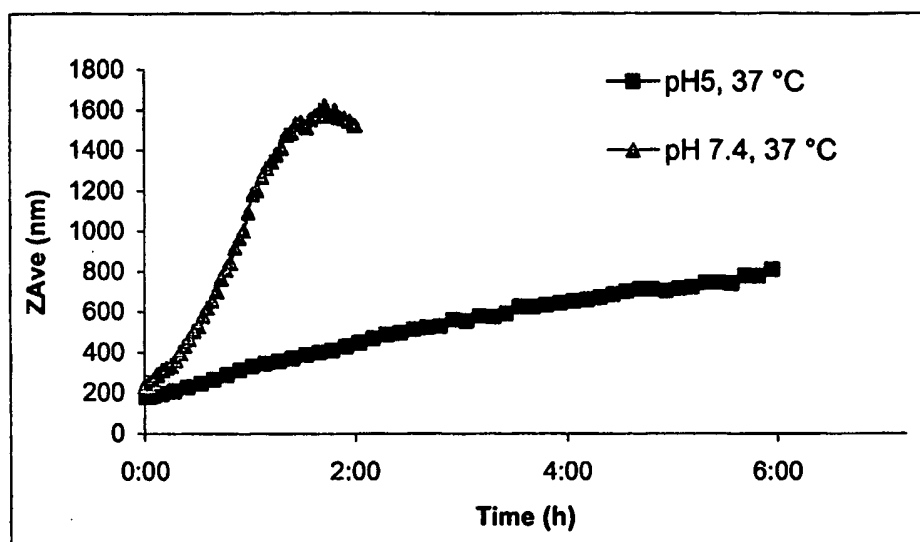


Figure 11. Stability of PEG-*b*-HEMAm-Lac<sub>2</sub> versus time

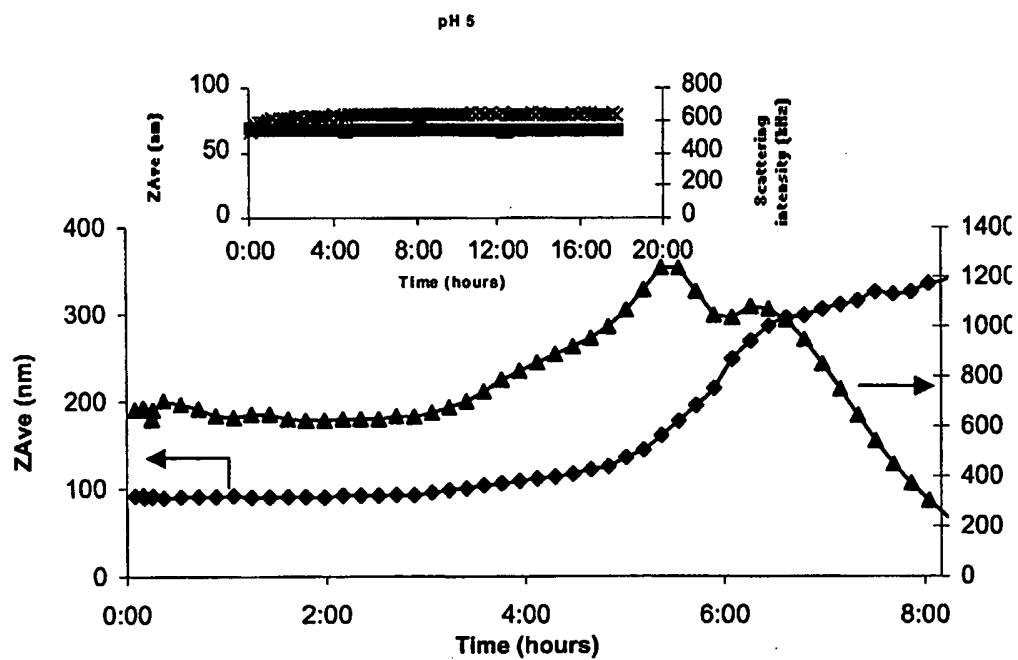


Figure 12. Stability PEG-*b*- (80%HEMA-Lac<sub>2</sub>-20%HEMAm-Lac<sub>4</sub>)